



24299-524 CON.ST25
SEQUENCE LISTING

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Kolpin, Maryam R
Hsieh, Chung-Ming
Govindaraju, Raju
Aziz, Nazneen

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and Haplotypes

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35 40 24299-524 CON.ST25 45

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 20 25 30

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Phe Lys Lys Arg Leu Arg Gly
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Asp His Lys Val Leu Val Leu Asp Ser Gly Asn Leu Ile Ala Val Pro
20 25 30

Asp Lys Asn Tyr Ile Arg Pro Glu
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Gly Ser Pro Ile Leu Leu Gly Val Ser Lys Gly Glu Phe Cys Leu Tyr
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Cys Asp Lys Asp Lys Gly Gln Ser His Leu Gln Leu Lys
35 40 45

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20 25 30

Ser Ala Ala His Pro Gly Trp Phe Ile Cys Thr Ser Cys Asn Cys Asn
35 40 45

Glu Pro Val Gly Val Thr Asp Lys Phe Glu Asn Arg Lys His Ile Glu
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 20 25 30

Val Ala Phe Pro Asp Trp Phe Ile Ala Ser Ser Lys Arg Asp Gln Pro
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Met Cys Ala Lys Val Gly Asp Gln Pro Thr Leu Gln Leu Lys
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Val Ala Phe Pro Gly Trp Phe Ile Ala Val Ser Ser Glu Gly Gly Cys
35 40 45

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Ile Lys Pro Val
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Phe Leu Phe Phe His Asn Lys Glu Gly Ser Thr Ser Val Phe Gln Ser
20 25 30

Val Ser Tyr Pro Gly Trp Phe Ile Ala Thr Ser Thr Thr Ser Gly Gln
35 40 45

Pro Ile Phe Leu Thr Lys Glu Arg Gly Ile Thr Asn Asn Thr Asn Phe
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Tyr Leu Asp Ser Val Glu
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Met Gly Thr Leu Asp Gln Trp Gly Ile Gly Val Gly
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20 25 30

Val Gly Gln Glu Pro Thr Leu Thr Leu Glu
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20 25 30

Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Val Pro Glu Ala Asp Gln
35 40 45

Pro Val Arg Leu Thr Gln Leu Pro Glu Asn Gly Gly Trp Asn Ala Pro
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His Gly Val Pro Leu Ser Leu Asp Ser Ser Leu Ser Ser Leu Leu Glu
 20 25 30

Lys Ile Cys Ile Leu Pro Asn Arg Gly Leu Ala Arg Thr Lys Val Pro
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35

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Thr Glu Glu Gly Leu Gln Leu Glu
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Lys Ile Cys Thr Leu Pro Asn Arg Gly Leu Asp Arg Thr Lys Val Pro
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aatctgggat gttaaattgtc aatttagaag		30
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aaaagataga tgtggagact ccagctggag		30
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gcagttaaca tcactaatct tgaaaatgcc		30
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<400> 271

Met Ala Leu Xaa
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Asp Leu Tyr Glu Glu Gly Gly Gly Gly Gly Gly Glu Gly Glu Asp Asn
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Ala Asp Ser Lys Glu
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<210> 273
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 <212> PRT
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<400> 273

Met Glu Ile Cys Arg Gly Leu Arg Ser His Leu Ile Thr Leu Leu Leu
 1 5 10 15

Phe Leu Phe His Ser Glu Thr Ile Cys Arg Gly Arg Lys Ser Ser Lys
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Met Gln Ala Phe Arg
 35

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<400> 274

Thr Ile Cys Arg Gly Arg Lys Ser Ser Lys Met Gln Ala Phe Arg
 1 5 10 15

<210> 275
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Ile Trp Asp Val Asn Gln Lys Thr Phe Tyr Leu Arg Asn Asn Gln Leu
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Val Ala Gly Tyr Leu Gln Gly Pro Asn Val Asn Leu Glu Glu
 20 25 30

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Lys Ile Asp Val Val Pro Ile Glu Pro His Ala Leu Phe Leu Gly Ile
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His Gly Gly Lys Met Cys Leu Ser Cys Val Lys Ser Gly Asp Glu Thr
 20 25 30

Arg Leu Gln Leu Glu
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Ala Val Asn Ile Thr Asp Leu Ser Glu Asn Arg Lys Gln Asp Lys Arg
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Phe Ala Phe Ile Arg Ser Asp Ser Gly Pro Thr Thr Ser Phe Glu Ser
 20 25 30

Ala Ala Cys Pro Gly Trp Phe Leu Cys Thr Ala Met Glu Ala Asp Gln
 35 40 45

Pro Val Ser Leu Thr Asn Met Pro Asp Glu Gly Val Met Val Thr Lys
 50 55 60

Phe Tyr Phe Gln Glu Asp Glu
 65 70